

WEST Search History

DATE: Thursday, September 27, 2007

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L11	l9 and L10	13
<input type="checkbox"/>	L10	long with sage	88
<input type="checkbox"/>	L9	(organism or organism\$ or species or taxonom\$) same (complex\$ or divers\$)	61614
<input type="checkbox"/>	L8	l6 and L7	8
<input type="checkbox"/>	L7	(organism or organism\$ or species) same (complex\$ or divers\$)	61170
<input type="checkbox"/>	L6	long with SAGE and genom\$ with (tag or tag\$)	14
<input type="checkbox"/>	L5	(organism or organism\$) with (complex\$ or divers\$) and long with SAGE and genom\$ with (tag or tag\$)	8
<input type="checkbox"/>	L4	(organism or organism\$) with (complex\$ or divers\$) and l3	2
<input type="checkbox"/>	L3	long with SAGE same genom\$ with (tag or tag\$)	6
<input type="checkbox"/>	L2	long with SAGE same signature with (tag or tag\$)	0
<input type="checkbox"/>	L1	long with SAGE same genom\$ with signature with (tag or tag\$)	0

END OF SEARCH HISTORY

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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 02 LMEDLINE coverage updated
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
NEWS 4 JUL 02 CHEMCATS accession numbers revised
NEWS 5 JUL 02 CA/Caplus enhanced with utility model patents from China
NEWS 6 JUL 16 Caplus enhanced with French and German abstracts
NEWS 7 JUL 18 CA/Caplus patent coverage enhanced
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9 JUL 30 USGENE now available on STN
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 11 AUG 06 BEILSTEIN updated with new compounds
NEWS 12 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 13 AUG 13 CA/Caplus enhanced with additional kind codes for granted patents
NEWS 14 AUG 20 CA/Caplus enhanced with CAS indexing in pre-1907 records
NEWS 15 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 16 AUG 27 USPATOLD now available on STN
NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 19 SEP 13 FORIS renamed to SOFIS
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 21 SEP 17 CA/Caplus enhanced with printed CA page images from 1967-1998
NEWS 22 SEP 17 Caplus coverage extended to include traditional medicine patents
NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:06:02 ON 27 SEP 2007

=> fil medline biosis caplus scisearch embase wpids

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 09:06:41 ON 27 SEP 2007

FILE 'BIOSIS' ENTERED AT 09:06:41 ON 27 SEP 2007

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=> long (s) sage

L1 354 LONG (S) SAGE

=> (organism or organism? or species or taxonom?) (s) (complex? or divers?)

2 FILES SEARCHED...

L2 237306 (ORGANISM OR ORGANISM? OR SPECIES OR TAXONOM?) (S) (COMPLEX? OR DIVERS?)

=> l1 and l2

L3 1 L1 AND L2

=> d ibib abs l3

L3 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

ACCESSION NUMBER: 2001:519183 BIOSIS

DOCUMENT NUMBER: PREV200100519183

TITLE: High-throughput DNA sequencing and analysis of Micro-SAGE libraries using MegaBACE 1000 to study hippocampal transcriptome.

AUTHOR(S): Fan, Qing-Qing [Reprint author]; Jones, Gregg S.; Edwards, John R.; Richlin-Zack, Kate; Kandel, Eric R. [Reprint author]; Ju, Jingyue

CORPORATE SOURCE: Center of Neurobiology, College of Physicians and Surgeons, Howard Hughes Medical Institute, Columbia University, New York, NY, USA

SOURCE: International Genome Sequencing and Analysis Conference, (2000) Vol. 12, pp. 69. print.
Meeting Info.: 12th International Genome Sequencing and Analysis Conference. Miami Beach, Florida, USA. September 12-15, 2000.

DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LANGUAGE: English

ENTRY DATE: Entered STN: 7 Nov 2001

Last Updated on STN: 23 Feb 2002

AB Transcriptomes, the temporal and spatial expression patterns of genes in an organism, represent an important level of dynamic functional biological complexity. Studies of transcriptomes of different conditions will provide insight into the molecular basis of biological processes. High-throughput methods, such as Microarray and Serial Analysis of Gene Expression (SAGE) techniques, are highly effective in capturing snapshots of transcriptomes. In the study of genes related to long-term memory using Micro-SAGE, a modified SAGE method requiring much less starting materials, we have sequenced over 40,000 transcript tags from a mouse hippocampal SAGE library using MegaBACE 1000 capillary array DNA sequencers with DYEnamic ET Terminators. We incorporated a modified PCR protocol to amplify SAGE concatenants for high-throughput sequencing. We have also developed a post-sequencing data analysis protocol that includes Phred basecalling and Phrap assembly software to assign confidence scores and align sequences from both the 5' and 3' directions. We then used CONSED to perform the final manual editing of low quality regions in the electropherograms and thereby attained a high fidelity consensus sequence. The quality of our automated data analysis was evaluated against the manual analysis of more than 20,000 tags, and the results are comparable. Thus, we have developed a high-throughput DNA sequencing method for the analysis of SAGE libraries using MegaBACE 1000.

=> d his

(FILE 'HOME' ENTERED AT 09:06:02 ON 27 SEP 2007)

FILE 'MEDLINE, BIOSIS, CAPLUS, SCISEARCH, EMBASE, WPIDS' ENTERED AT 09:06:41 ON 27 SEP 2007

L1 354 LONG (S) SAGE
L2 237306 (ORGANISM OR ORGANISM? OR SPECIES OR TAXONOM?) (S) (COMPLEX? OR
L3 1 L1 AND L2

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	33.26	33.47

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:12:22 ON 27 SEP 2007